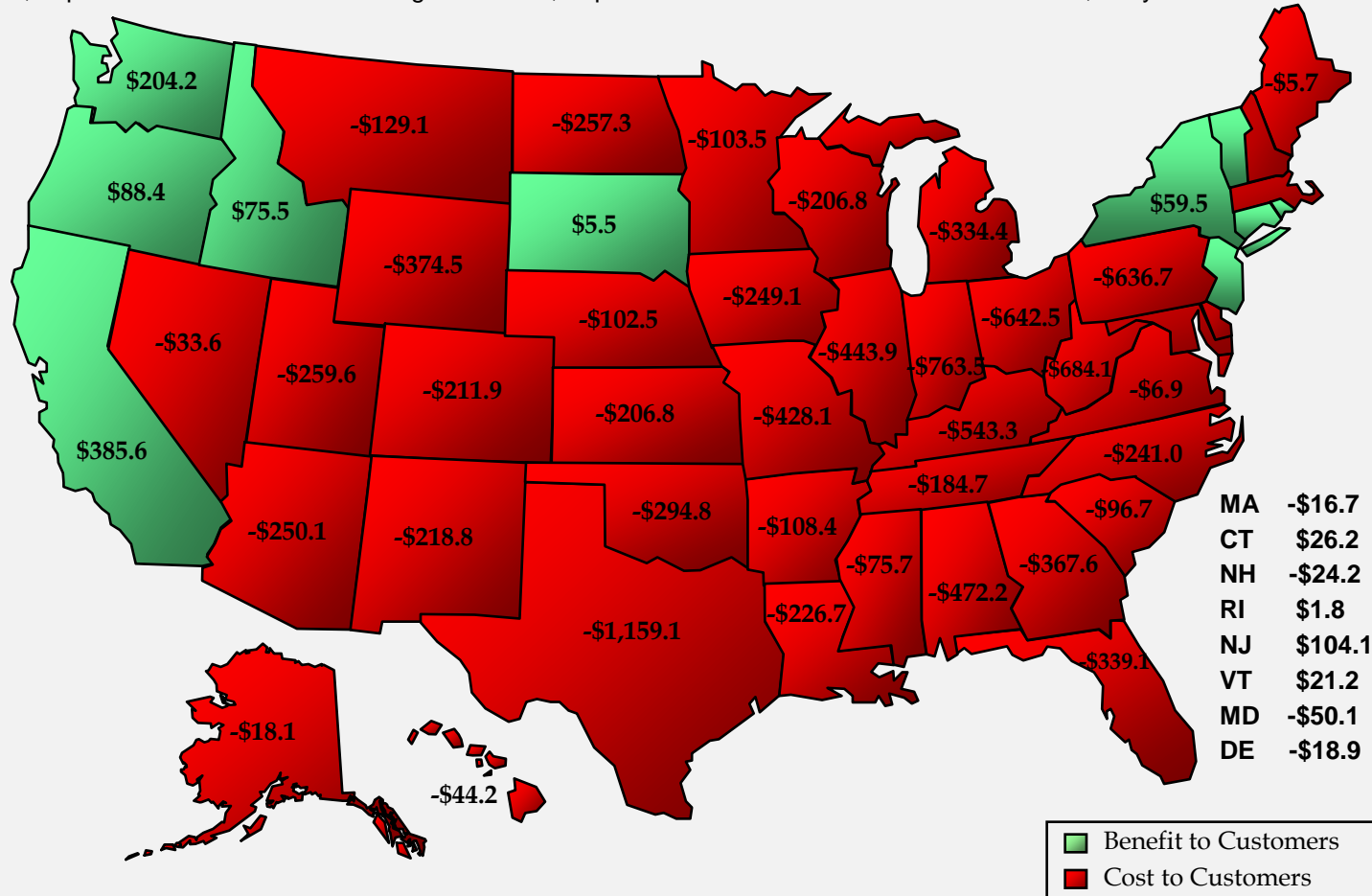


# Most States Lose Under H.R. 2454

Consumers in red colored states will pay more for electricity to make up for the shortfall in allowances (dollars in millions).

Based on the allowance allocation formula in H.R. 2454 for electricity consumers, the red states will not have enough allowances to cover their emissions from electricity generation. The shortfall in allowances to the red states will lead to higher electricity costs for consumers, the total of which will roughly correlate with the dollar losses noted on the map. For example, Texas electricity consumers will see electricity costs go up by roughly \$1 billion. To make up the shortfall, red states will have to seek high-cost, non-CO2 emitting electricity sources, reduce electricity production and consumption, or purchase allowances from the green states, or purchase domestic and international offsets, likely a combination of the three.



Based on Energy Information Administration (EIA) and Congressional Budget Office (CBO) data. Dollars in millions. Approximate cost to customers in 2012 (at CBO estimate of \$15/ton). For supporting data, [see next page](#).

Waxman-Markey (H.R. 2454): Rough Calculation\* of Allowance Allocation Shares to Electricity Local Distribution Companies by State

State	CO2 Emissions from Electricity Generation (metric tons)					Electricity Sales (megawatthours)					Metric Tons of Permits	Metric Tons of permits short	Cost to Customers in 2012 (at CBO estimate of \$15/ton)	State		
	2012					2012					Allocated (in 2012)					
	2006	2007	2008	Average (2006-08)	Avg as % of U.S. Total	2006	2007	2008	Average (2006-08)	Avg. as % of U.S. Distribution (50%)	2012					
AK	4,584,736	4,301,706	4,121,076	4,335,839	0.175%	1594927.02	6,182,291	6,326,610	6,313,473	6,274,125	0.169%	1536592.41	3,131,519	-1,204,320	-\$18,064,797	AK
AL	85,116,255	87,344,975	82,217,856	84,893,029	3.428%	31227676.61	90,677,695	91,828,464	89,199,251	90,568,470	2.435%	22181074.04	53,408,751	-31,484,278	-\$472,264,159	AL
AR	28,494,446	29,852,236	30,166,924	29,504,535	1.191%	10853165.48	46,635,624	47,054,891	46,201,216	46,630,577	1.254%	11420268.90	22,773,434	-7,231,101	-\$108,466,514	AR
AZ	53,353,217	55,778,500	57,900,643	55,677,453	2.248%	20488084.32	73,252,776	77,193,206	76,434,088	75,626,690	2.033%	18521690.94	39,002,495	-16,674,958	-\$250,124,371	AZ
CA	59,389,043	62,780,179	63,534,254	61,901,159	2.500%	22770177.94	262,958,528	264,234,911	267,091,566	264,761,668	7.118%	64842634.19	87,612,812	25,711,653	\$385,674,801	CA
CO	41,847,348	42,989,936	41,250,539	42,029,274	1.697%	15460357.71	49,733,698	51,299,156	51,371,953	50,801,602	1.366%	12441792.41	27,902,150	-14,127,124	-\$211,906,864	CO
CT	11,056,606	10,361,669	8,813,515	10,077,263	0.407%	3706894.76	31,677,453	34,129,107	33,660,101	33,155,554	0.891%	8120108.36	11,827,003	1,749,740	\$26,246,096	CT
DC	99,085	85,166	69,157	84,469	0.003%	31071.79	11,396,424	12,110,185	11,616,232	11,707,614	0.315%	2867305.21	2,898,377	2,898,377	\$42,208,612	DC
DE	5,885,175	7,223,767	6,519,329	6,542,757	0.264%	2406735.87	11,554,672	11,868,810	11,727,551	11,717,011	0.315%	2869606.70	5,276,343	-1,266,414	-\$18,996,215	DE
FL	126,528,977	127,662,330	118,983,664	124,391,657	5.023%	45757142.88	228,219,544	231,084,600	226,987,440	228,763,861	6.150%	56026431.12	101,783,574	-22,608,083	-\$339,121,245	FL
GA	89,897,929	95,248,726	89,055,354	91,400,670	3.691%	34182959.26	134,834,168	137,453,878	135,243,879	135,843,975	3.652%	33269473.00	66,890,968	-24,509,702	-\$367,645,523	GA
HI	9,036,354	8,933,935	8,252,130	8,740,806	0.353%	3215282.57	10,567,912	10,514,406	10,390,008	10,514,406	0.283%	2575077.46	5,190,000	-2,950,446	-\$44,256,695	HI
IA	40,577,052	43,858,798	46,051,480	43,495,777	1.756%	15999806.65	43,336,835	45,268,523	44,767,963	44,458,107	1.195%	10888210.47	26,888,017	-16,607,759	-\$249,116,391	IA
ID	875,322	1,273,975	1,230,640	1,126,646	0.045%	414433.62	22,761,749	23,755,186	23,910,621	23,475,852	0.631%	5749457.97	6,183,892	5,703,246	\$75,558,689	ID
IL	99,479,401	104,619,546	104,203,670	102,767,539	4.150%	37802768.07	142,447,811	146,055,151	144,754,607	144,419,190	3.883%	35389624.10	73,172,392	-29,595,147	-\$443,927,201	IL
IN	121,950,248	121,724,872	122,485,813	122,053,644	4.929%	44897111.14	105,664,484	109,420,150	106,502,322	107,195,652	2.882%	26253228.01	71,150,339	-50,903,305	-\$763,549,580	IN
KS	35,639,431	38,926,886	36,814,141	37,126,819	1.499%	13657002.52	39,751,302	40,165,977	38,650,422	39,522,562	1.063%	9679450.09	23,336,453	-13,790,367	-\$206,855,500	KS
KY	93,160,139	92,320,191	93,300,734	92,927,021	3.752%	34182959.69	88,743,435	92,404,100	94,704,809	91,950,781	2.472%	22519615.15	56,702,575	-36,224,447	-\$543,366,699	KY
LA	54,098,020	54,289,959	54,645,426	54,344,468	2.194%	19990469.27	77,467,748	79,566,937	78,578,111	78,537,599	2.117%	19234599.98	39,225,069	-15,119,399	-\$226,790,985	LA
MA	23,707,582	25,638,756	21,400,903	23,549,080	0.951%	8662467.11	55,800,090	57,138,822	55,682,477	56,223,796	1.512%	13769738.95	22,432,206	-11,166,714	-\$16,753,115	MA
MD	30,496,966	31,165,417	28,558,935	30,073,773	1.214%	11062557.92	63,173,143	65,390,660	63,410,981	63,991,595	1.720%	15672146.16	26,734,704	-3,339,609	-\$50,086,028	MD
ME	5,635,313	5,565,587	4,910,245	5,370,382	0.217%	1975480.77	12,284,768	11,860,202	12,771,750	12,305,573	0.331%	3013751.18	4,989,232	-381,150	-\$5,717,248	ME
MI	75,633,484	79,090,202	76,232,050	76,985,245	3.109%	28318819.41	108,017,697	109,296,749	105,683,362	107,665,936	2.895%	26368405.01	54,687,224	-22,928,021	-\$334,470,314	MI
MN	37,564,924	37,706,385	36,003,520	37,091,610	1.498%	13640050.80	66,769,931	68,231,182	67,629,743	67,543,619	1.816%	16542070.40	30,186,121	-6,905,489	-\$103,582,328	MN
MO	79,101,901	77,131,256	76,704,214	77,645,790	3.135%	28561799.08	82,015,230	85,532,850	84,102,860	83,883,647	2.255%	20543897.64	49,105,697	-28,540,093	-\$428,101,402	MO
MS	25,802,259	27,764,176	25,881,766	26,482,734	1.069%	9741603.67	46,936,437	48,153,181	48,101,620	47,730,413	1.283%	11689629.04	21,431,233	-5,051,501	-\$75,772,512	MS
MT	19,086,919	20,012,990	19,871,958	19,657,289	0.794%	7230881.88	13,814,980	15,531,985	17,478,939	15,608,635	0.420%	3822702.11	11,053,584	-8,603,705	-\$129,055,574	MT
NC	73,138,096	78,533,282	75,133,537	75,601,638	3.053%	27809863.26	126,698,979	131,880,754	130,026,236	129,535,323	3.483%	31724424.52	59,534,288	-16,067,351	-\$241,010,260	NC
ND	31,266,847	31,985,187	32,261,824	31,837,953	1.286%	11711506.91	11,245,238	11,905,695	13,186,339	12,112,424	0.326%	2966447.08	14,677,954	-17,159,999	-\$257,399,981	ND
NE	22,293,088	20,645,874	22,131,927	21,690,296	0.876%	7978718.27	27,276,292	28,248,400	28,680,489	28,068,394	0.755%	6874214.81	14,852,933	-6,837,363	-\$102,560,448	NE
NH	7,064,969	6,848,507	6,646,458	6,853,311	0.277%	2520972.48	11,094,343	11,235,856	10,973,542	11,101,247	0.298%	2718800.28	5,239,773	-1,613,539	-\$24,203,078	NH
NJ	19,861,416	20,585,235	19,802,200	20,082,950	0.811%	7387460.33	79,680,947	81,934,334	78,919,628	80,178,303	2.156%	19636423.97	27,023,884	6,940,934	\$104,114,008	NJ
NM	33,050,618	31,452,437	30,226,301	31,576,452	1.275%	11615314.62	21,434,957	22,267,394	22,126,980	21,943,110	0.590%	5374075.94	16,989,390	-14,587,062	-\$218,805,937	NM
NV	16,619,587	16,778,142	18,104,122	17,167,284	0.693%	6314940.07	34,586,260	35,643,402	35,223,613	35,151,092	0.945%	8608834.47	14,923,775	-2,243,509	-\$33,652,639	NV
NY	50,961,144	53,262,343	45,388,415	49,870,634	2.014%	18344781.20	142,238,019	148,177,523	144,382,513	144,932,685	3.897%	35495383.95	53,840,165	3,969,531	\$59,542,965	NY
OH	129,010,185	130,407,085	127,635,113	129,017,461	5.210%	47458732.67	153,428,844	161,770,827	159,142,629	158,114,100	4.251%	38723637.03	86,187,370	-42,835,091	-\$642,526,369	OH
OK	52,241,890	51,388,701	53,773,928	52,468,173	2.119%	19300279.04	54,905,314	55,193,200	55,436,867	55,178,460	1.483%	13513726.29	32,814,005	-19,654,168	-\$294,812,516	OK
OR	7,087,812	10,558,882	10,854,701	9,500,465	0.384%	3494721.00	48,069,265	48,696,965	49,007,565	48,591,265	1.306%	11900459.91	15,395,181	5,894,716	\$88,420,738	OR
PA	125,864,000	127,888,320	121,304,825	125,019,048	5.048%	45987927.07	146,150,358	151,572,950	150,357,338	149,360,215	4.016%	36579727.97	82,567,655	-42,451,393	-\$636,770,897	PA
RI	2,512,890	2,946,005	3,098,177	2,852,357	0.115%	1049232.15	7,799,126	8,013,022	7,783,968	7,865,372	0.211%	1926303.92	2,975,536	123,179	\$1,847,680	RI
SC	40,847,199	42,107,344	41,975,741	41,643,428	1.682%	15318425.12	80,877,321	81,948,158	80,635,984	81,153,821	2.182%	19875337.55	35,193,763	-6,449,665	-\$96,744,979	SC
SD	3,525,560	3,019,701	3,951,183	3,498,815	0.141%	1287029.72	10,056,387	10,603,301	10,952,734	10,537,474	0.283%	2580726.95	3,867,757	368,942	\$5,534,131	SD
TN	61,379,959	60,837,496	58,209,242	60,142,232	2.429%	22123161.49	103,931,744	106,716,934	104,206,080	104,951,586	2.822%	25703635.05	47,826,797	-12,315,436	-\$184,731,536	TN
TX	257,552,167	255,092,183	249,781,489	254,141,946	10.263%	93485444.54	342,724,213	343,828,582	334,775,042	340,442,612	9.153%	83377612.43	176,863,057	-77,278,889	-\$1,159,183,341	TX
UT	36,445,051	38,486,267	39,087,256	38,006,191	1.535%	13980477.21	26,365,716	27,785,447	28,088,685	27,413,283	0.737%	6713771.94	20,694,249	-17,311,942	-\$259,679,132	UT
VA	42,067,790	46,721,552	40,689,972	43,159,771	1.743%	15876208.07	106,721,241	111,569,552	110,216,920	109,502,571	2.944%	26818214.27	42,694,422	-465,349	-\$6,980,236	VA
VT	10,172	9,980	7,068	9,073	0.000%	3337.60	5,795,029	5,864,006	5,743,614	5,800,883	0.156%	1420691.06	1,424,029	1,414,955	\$21,224,330	VT
WA	10,359,523	12,651,998	13,456,751	12,156,091	0.491%	4471585.89	85,033,335	85,741,947	90,147,249	86,974,177	2.338%	21300797.72	25,772,384	13,616,293	\$204,244,394	WA
WI	48,250,873	48,842,014	50,143,500	49,078,796	1.982%	18053505.47	69,820,749	71,301,300	70,008,276	70,376,775	1.892%	17235937.15	35,289,443	-13,789,353	-\$206,840,294	WI
WV	85,075,494	86,273,654	84,102,137	85,150,428	3.438%	31322360.49	32,312,126	34,183,839	34,203,311	33,566,425	0.902%	8220734.72	39,543,095	-45,607,333	-\$684,109,999	WV
WY	45,215,551	45,705,725	45,902,023	45,607,766	1.842%	16776966.52	14,946,612	15,535,552	16,826,659	15,769,608	0.424%	3862125.92	20,638,822	-24,968,944	-\$374,534,158	WY
Total US	2,459,800,013	2,516,580,035	2,452,8													